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INFORMATION REPORT		This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.	
PREPARED AND DISSEMINATED BY CENTRAL INTELLIGENCE AGENCY		REPORT	
COUNTRY USSR	DATE DISTRIBUTED		50X1
SUBJECT Road Data - Stanislaw, Madvornaya, Delyatin, Kolomyja & Vicinity	NO. OF PAGES 2		NO. OF ENCL.
50X1	SUPPLEMENT TO REPORT		
SOURCE		RESPONSIVE TO	
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<p>1. A hard-surfaced, all-weather road (No 924 on legend) ran from Stanislaw (Stanislawow) southward to Madvornaya (Madvorna) via Tyseinitse (Tysemitchany) and Markovtse. Another hard surfaced, all-weather road (No 924 on legend) ran from Stanislaw southward to Madvornaya via Bogorodchany.</p> <p>2. A hard-surfaced, all-weather road (No 924 on legend) ran from Madvornaya south southeast to Delyatin and then eastward to Kolomyja (Kolomyja). Another hard-surfaced, all-weather road (No 924 on legend) ran from Kolomyja north-northwest to Khreyplia via Otyaya and Mikula'dorf.</p> <p>3. All of the above hard-surfaced roads were designed for heavy usage and were called the Czar's Roads (Tsarskaya dorogi). The roads had a very good base of crushed rock approximately one meter deep. The top layer consisted of crushed stones surfaced with sand. The roads were over eight meters wide. Compacting of the roads was performed by old-fashioned road rollers.</p> <p>4. The roads were well maintained and periodically inspected by assigned work crews. The roads were crowned and drainage ditches ran along both sides of the road. Piles of stone, gravel and sand were located in certain sections along the road to be used in repairing the road.</p> <p>5. The terrain through which these all-weather roads ran was rocky and hilly. The stones, gravel and sand used in repairing the roads was brought down from the Carpathian Mountains and also from the Bystritsa Madvornyanskaya River, which flowed between Stanislaw and Madvornaya.</p> <p>6. A number of loose-surfaced, dry-weather, dirt roads (No 935 on legend) ran in the vicinity of Bogorodchany, Lomadsyn, and Slobodka Lesna. These towns and villages were located southwest, south and southeast of Stanislaw.</p> <p>7. The dirt roads were approximately five meters wide. During the spring thaw or rains, the dirt roads became so muddy, potholed and rutted that the farmer or villager with horse and wagon would leave the dirt road and travel on the fields alongside the dirt road. In winter, when the ground</p>			
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was frozen, the dirt roads occasionally could bear heavy traffic.

8. The dirt roads were crowded, but did not have any drainage ditches running alongside the roads. The water drained off on the farmers' fields. The villagers and farmers periodically regraded and resurfaced the roads by horse-drawn wooden scrapers. The roads had no prepared base.
9. A number of cart tracks (No 945 on legend) ran in the same vicinity as the dirt roads. They were approximately two to three meters wide and were used for short cuts, inter-village communication, and to reach certain rivers and streams for fishing and/or swimming. They were never maintained, were not crowded, nor did they have drainage ditches running alongside.
10. In winter, when the ground was frozen, and during the dry season, the cart tracks could occasionally bear heavy traffic. During the spring thaw or rains, it would be very difficult for a heavy vehicle to travel on the cart tracks as they became very muddy, potholed and deeply rutted.

-end-

/On file in CIA Map Library is an Eastern Europe map, scale 1:250,000, AMS Series H501, E435-10, of Chisinau, Rumania, indicating the various roads and cart tracks with legend. UNCLASSIFIED./

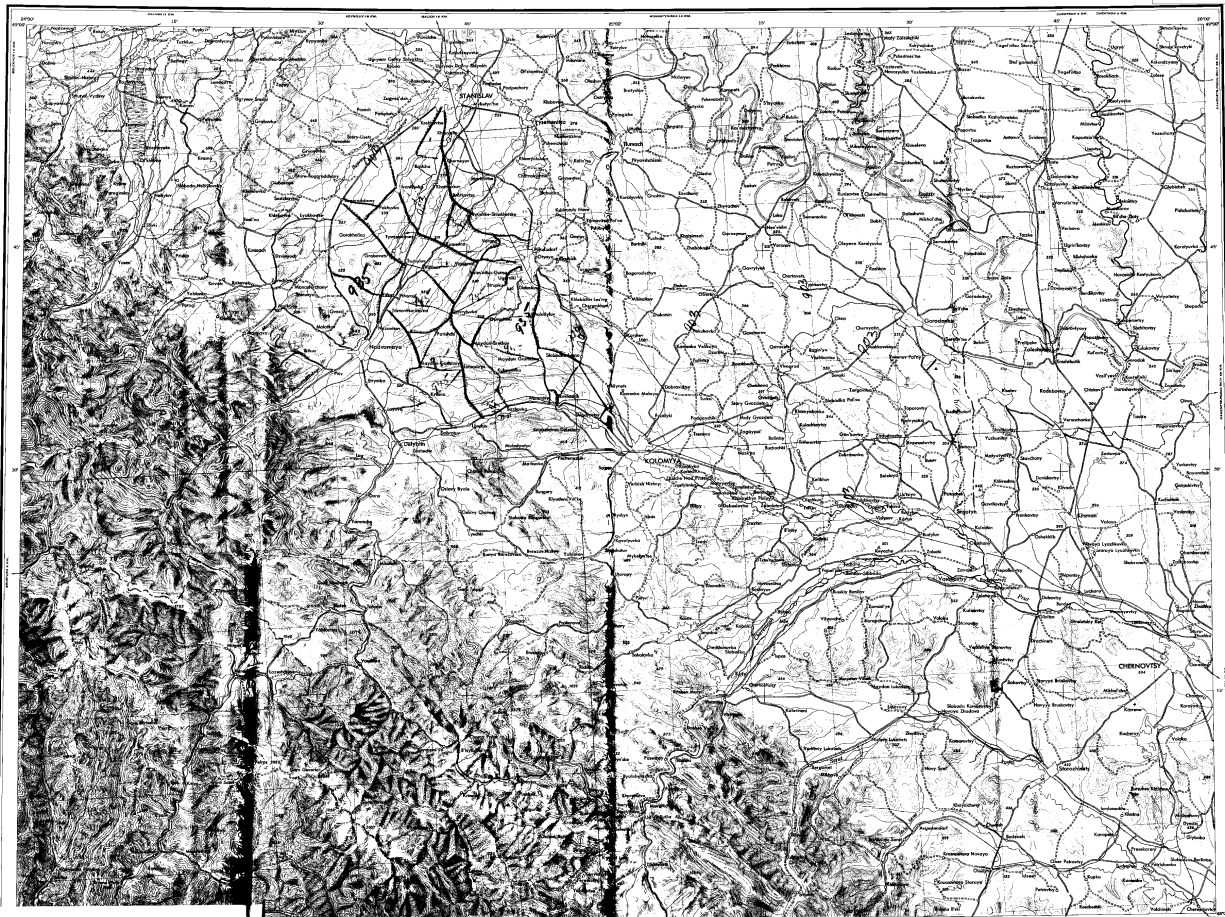
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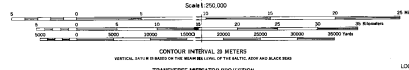
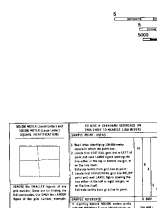
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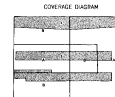
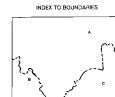


ROAD DATA - CHRONOLOGY

- *Hard Surface, All weather road, two lanes wide, 6 - 8 meters
- *Hard Surface, All weather road, one lane wide, 3 - 5 meters
- *Loose Surface, all weather road, two or more lanes wide, 5 - 8 meters
- *Loose Surface, All weather road, one lane wide, 3 - 5 meters
- *Loose Surface, Dry weather or dirt road
- *Cart tracks (more than 1.5 and less than 2.5 meters)
- *Trails (less than 1.5 meters)
- *Dirt Highways (Superhighways)
- Note: Label those roads exactly 8 meters or wider

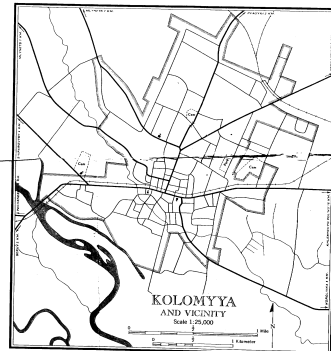
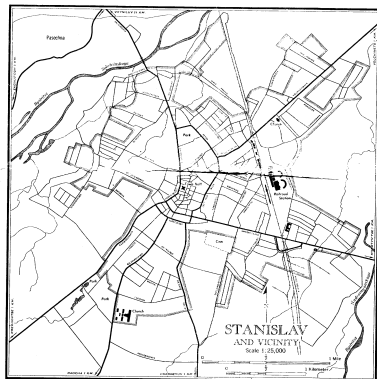


CHRONOLOGY



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CHERNOVTSY, ROMANIA



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